

Eagle Electric Machinery, Inc.

360 North Hazel Street
PO Box 1053
Sulphur, LA 70664

Customer:	CLECO	Contact:	
		Phone:	
		Date:	3/20/2015 2:29:39 PM
Job Number:	18452-TEST	Voltage:	13,200
Serial No:	FE13C809T1-1	Current:	248
Manufacturer:	TECO	Horsepower:	6,522
Model:		RPM:	1195
Type:	3-Phase Induction	Power Factor:	
Frame:	SR-889	Efficiency:	
Enclosure:	TEWAC	ROTOR V:	
Poles:	6	ROTOR A:	
Winding:		Insulation:	

	0%	25%	50%	75%	100%	125%	150%
A-B VOLTS	7096						
B-C VOLTS	7152						
C-A VOLTS	7128						
A AMPS	31.0						
B AMPS	34.7						
C AMPS	32.0						
Kwatts	55.11						
RPM	1						
EFFICIENCY	N/A						
P.F.	0.137						
CE BEARING	135.4°F						
OCE BEARING	136.5°F						
WINDING	90°F						

Tested By:

Tom R. Russell

Date:

3-20-2015

Machine Note (3/20/2015 1:19:03 PM)
CLECO, TECO, 6522 HP, 1195 RPM, 13,200 V, 248 A, SR-889 Ft.

18452 - Motor CE - Horizontal - Vel Spec 60000 CPM
3/20/2015 2:47:12 PM

O/All 0.033 in/s 0-pk



3/20/2015 2:47:12 PM O/All 0.033 in/s 0-pk 1200 RPM

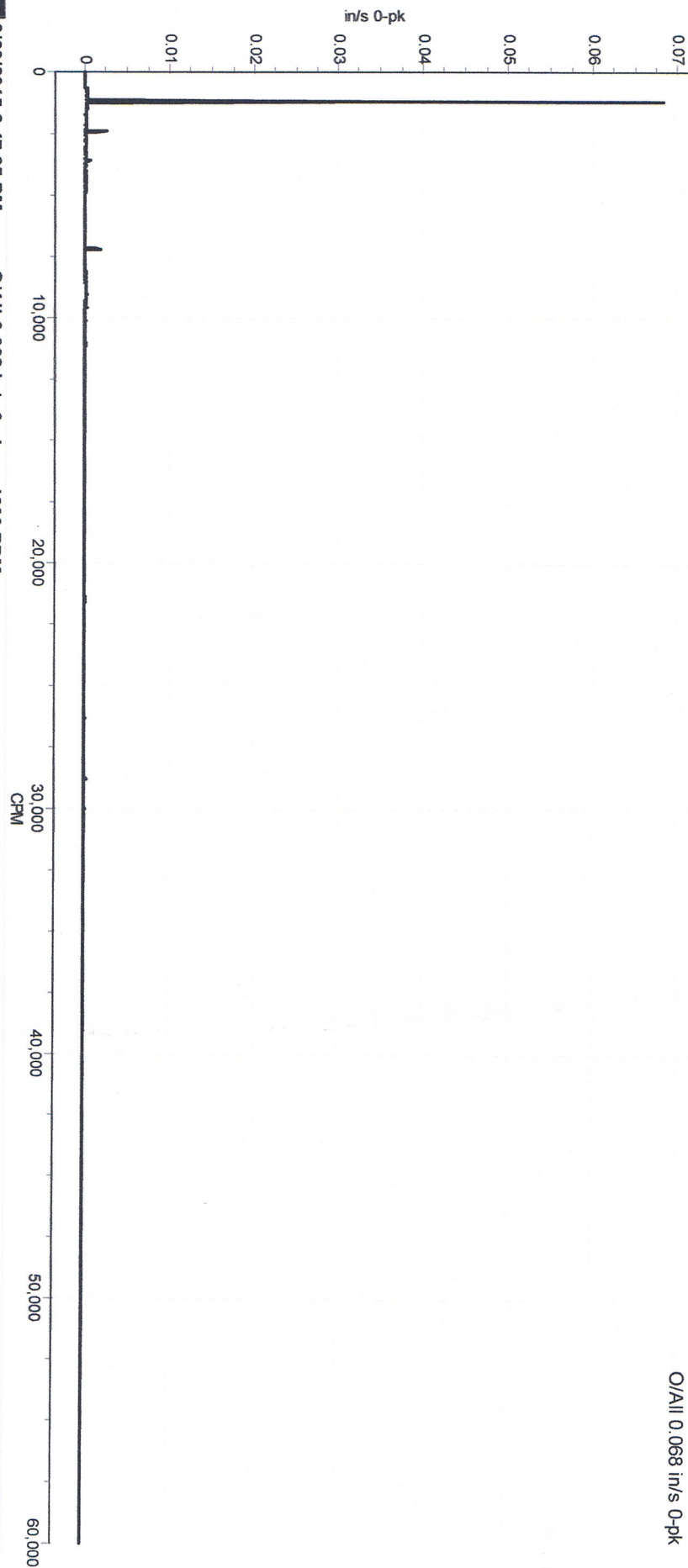
Top 10 Peaks			
1189.631 CPM	1 orders	0.032 in/s 0-pk	
7187.756 CPM	5.998 orders	0.008 in/s 0-pk	
2389.256 CPM	1.999 orders	0.002 in/s 0-pk	
28772.262 CPM	23.977 orders	0.001 in/s 0-pk	
3598.881 CPM	2.999 orders	0.001 in/s 0-pk	
1312.096 CPM	1.093 orders	0 in/s 0-pk	
1537.025 CPM	1.281 orders	0 in/s 0-pk	
1689.979 CPM	1.406 orders	0 in/s 0-pk	
1649.49 CPM	1.375 orders	0 in/s 0-pk	
1349.584 CPM	1.125 orders	0 in/s 0-pk	

18452 - Motor CE - Vertical - Vel Spec 60000 CPM

3/20/2015 2:47:35 PM

Machine Note (3/20/2015 1:19:03 PM)

CLECO, TECO, 6522 HP, 1195 RPM, 13,200 V, 248 A, SR-889 Fr.



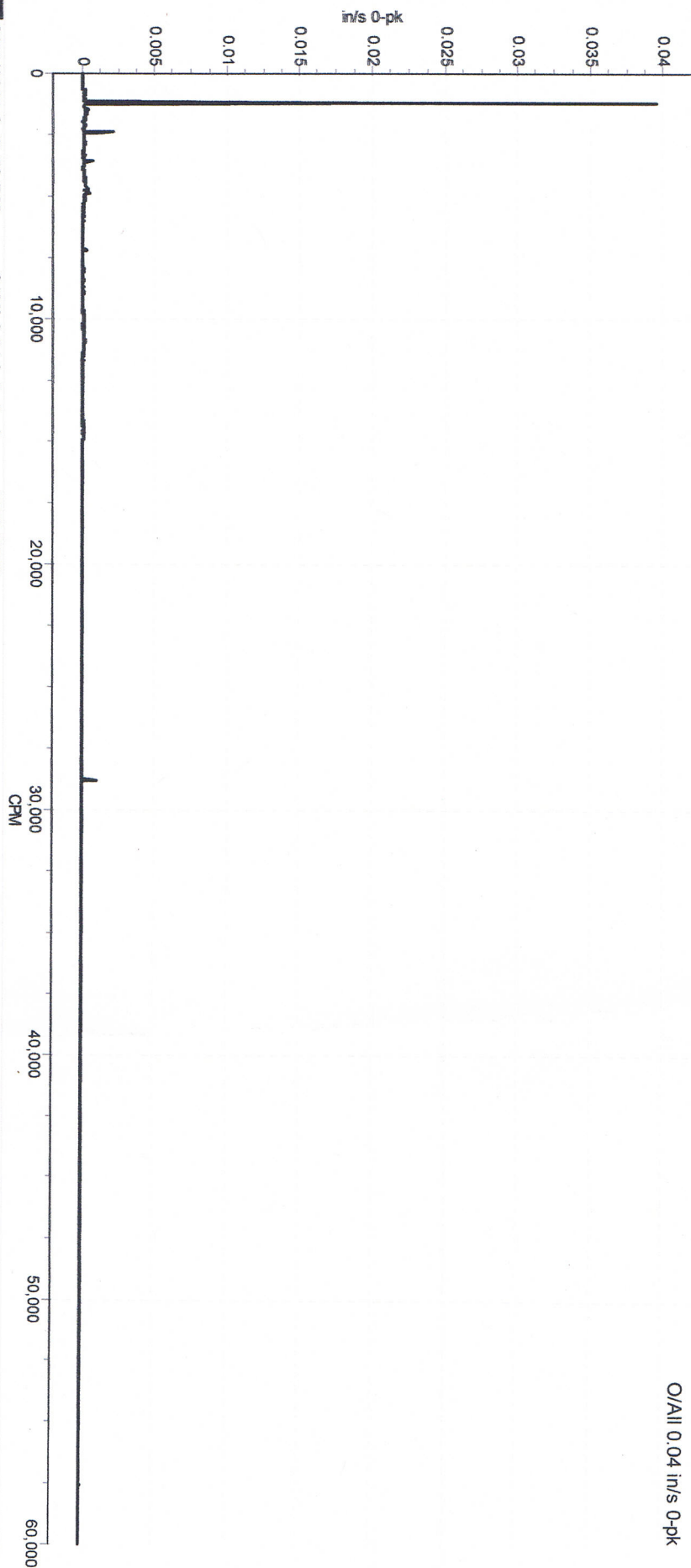
Top 10 Peaks

1199.631 CPM	1 orders	0.068 in/s 0-pk
2399.256 CPM	1.999 orders	0.003 in/s 0-pk
7197.756 CPM	5.998 orders	0.002 in/s 0-pk
3598.881 CPM	2.999 orders	0.001 in/s 0-pk
9597.006 CPM	7.998 orders	0 in/s 0-pk
14405.816 CPM	1.172 orders	0 in/s 0-pk
1330.84 CPM	1.109 orders	0 in/s 0-pk
1012.189 CPM	0.843 orders	0 in/s 0-pk
1068.422 CPM	0.89 orders	0 in/s 0-pk
892.236 CPM	0.718 orders	0 in/s 0-pk

3/20/2015 2:47:35 PM O/All 0.068 in/s 0-pk 1200 RPM

18452 - Motor CE - Axial - Vel Spec 60000 CPM
3/20/2015 2:47:58 PM

Machine Note (3/20/2015 1:19:03 PM)
CLECO, TECO, 6522 HP, 1195 RPM, 13,200 V, 248 A, SR-889 Fr.



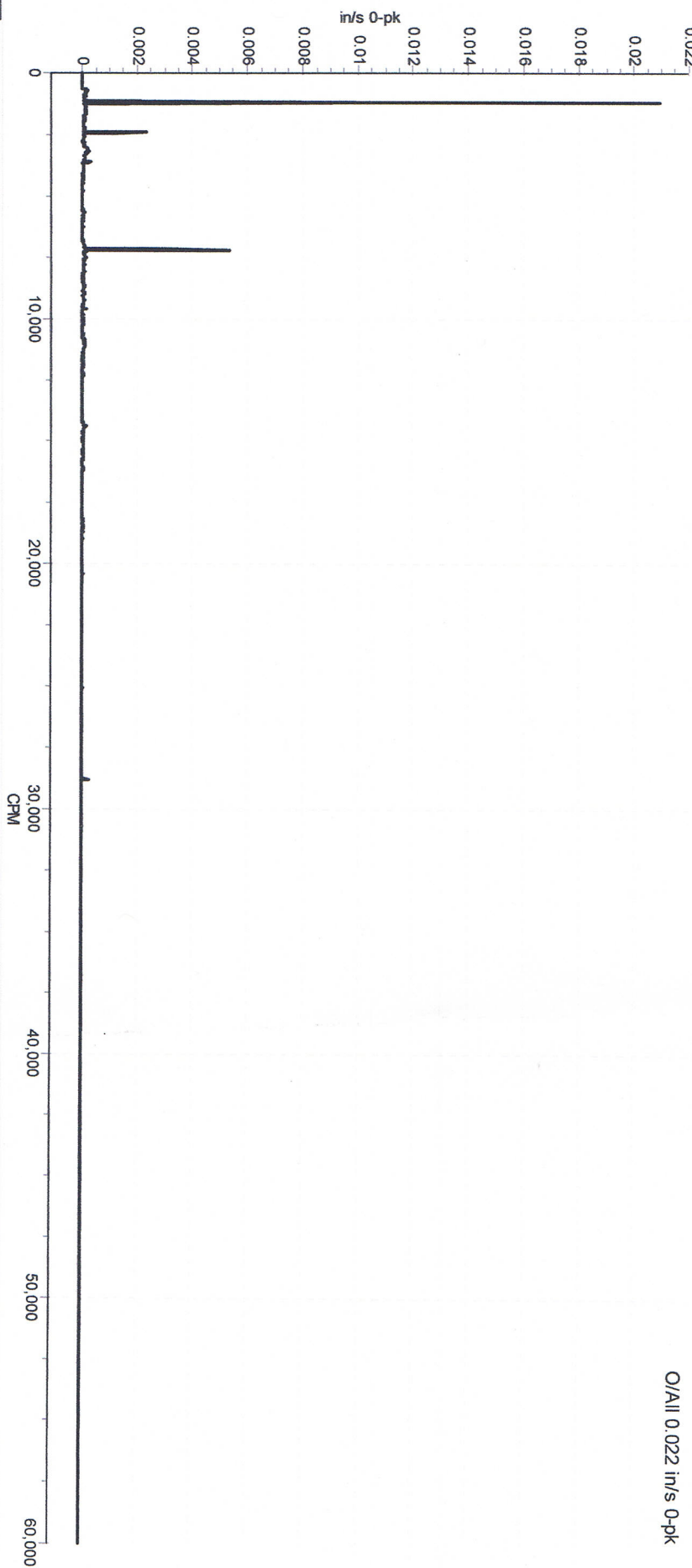
Top 10 Peaks		
1189.631 CPM	1 orders	0.04 in/s 0-pk
2399.256 CPM	1,999 orders	0.002 in/s 0-pk
28772.282 CPM	23,877 orders	0.001 in/s 0-pk
3598.881 CPM	2,599 orders	0.001 in/s 0-pk
4892.227 CPM	4,077 orders	0.001 in/s 0-pk
4723.529 CPM	3,926 orders	0 in/s 0-pk
4817.25 CPM	4,014 orders	0 in/s 0-pk
1482.048 CPM	1,218 orders	0 in/s 0-pk
7197.756 CPM	5,398 orders	0 in/s 0-pk
1574.514 CPM	1,312 orders	0 in/s 0-pk

3/20/2015 2:47:58 PM O/All 0.04 in/s 0-pk 1200 RPM

18452 - Motor OCE - Horizontal - Vel Spec 60000 CPM
3/20/2015 2:45:57 PM

Machine Note (3/20/2015 1:19:03 PM)

CLECO, TECO, 6522 HP, 1195 RPM, 13,200 V, 248 A, SR-889 Fr.



O/All 0.022 in/s 0-pk

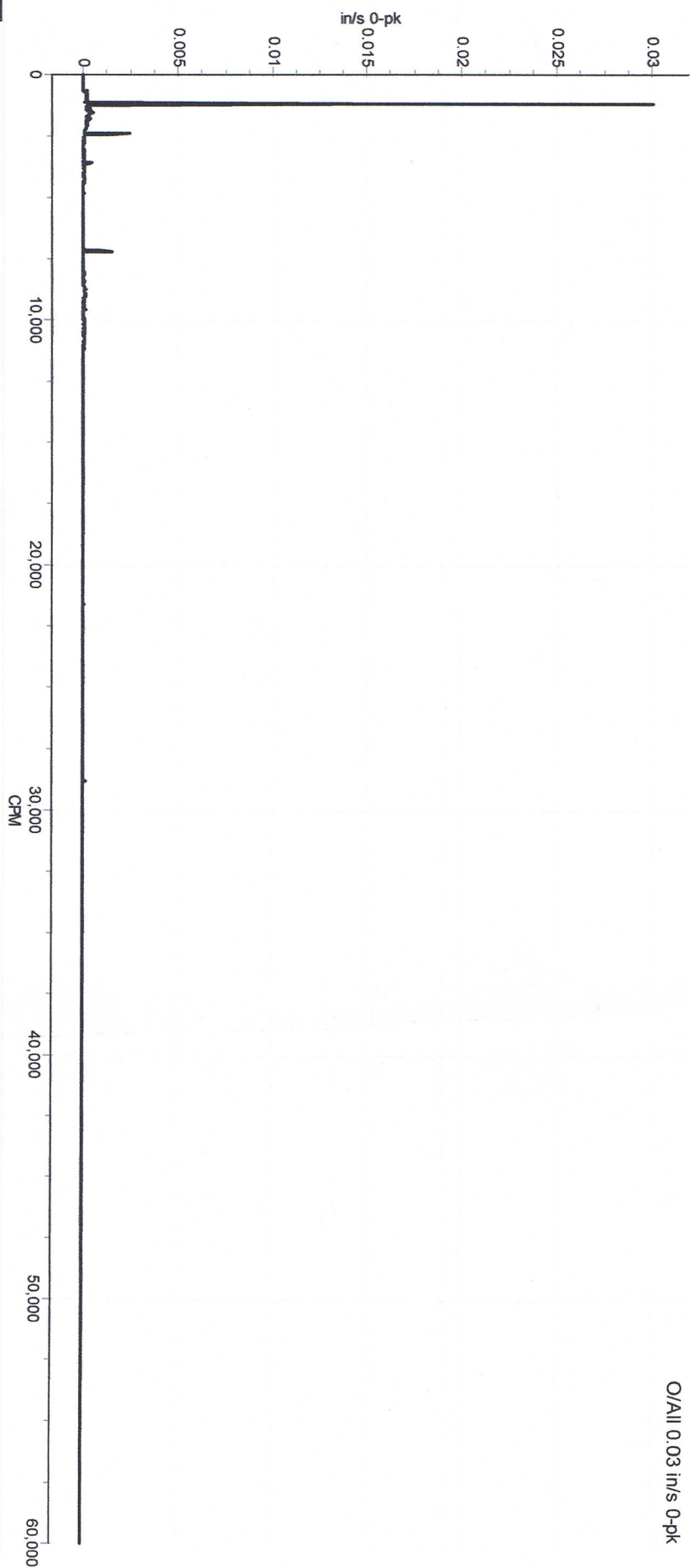
Top 10 Peaks			
1189.631 CPM	1 orders	0.021 in/s 0-pk	
7197.756 CPM	5.998 orders	0.005 in/s 0-pk	
2399.256 CPM	1.999 orders	0.002 in/s 0-pk	
3598.891 CPM	2.999 orders	0 in/s 0-pk	
3167.766 CPM	2.64 orders	0 in/s 0-pk	
28772.262 CPM	23.977 orders	0 in/s 0-pk	
731.027 CPM	0.609 orders	0 in/s 0-pk	
3036.557 CPM	2.53 orders	0 in/s 0-pk	
3082.789 CPM	2.577 orders	0 in/s 0-pk	
3223.998 CPM	2.687 orders	0 in/s 0-pk	

18452 - Motor OCE - Vertical - Vel Spec 60000 CPM

3/20/2015 2:46:17 PM

Machine Note (3/20/2015 1:19:03 PM)

CLECO, TECO, 6522 HP, 1195 RPM, 13,200 V, 248 A, SR-889 Fr.



Top 10 Peaks

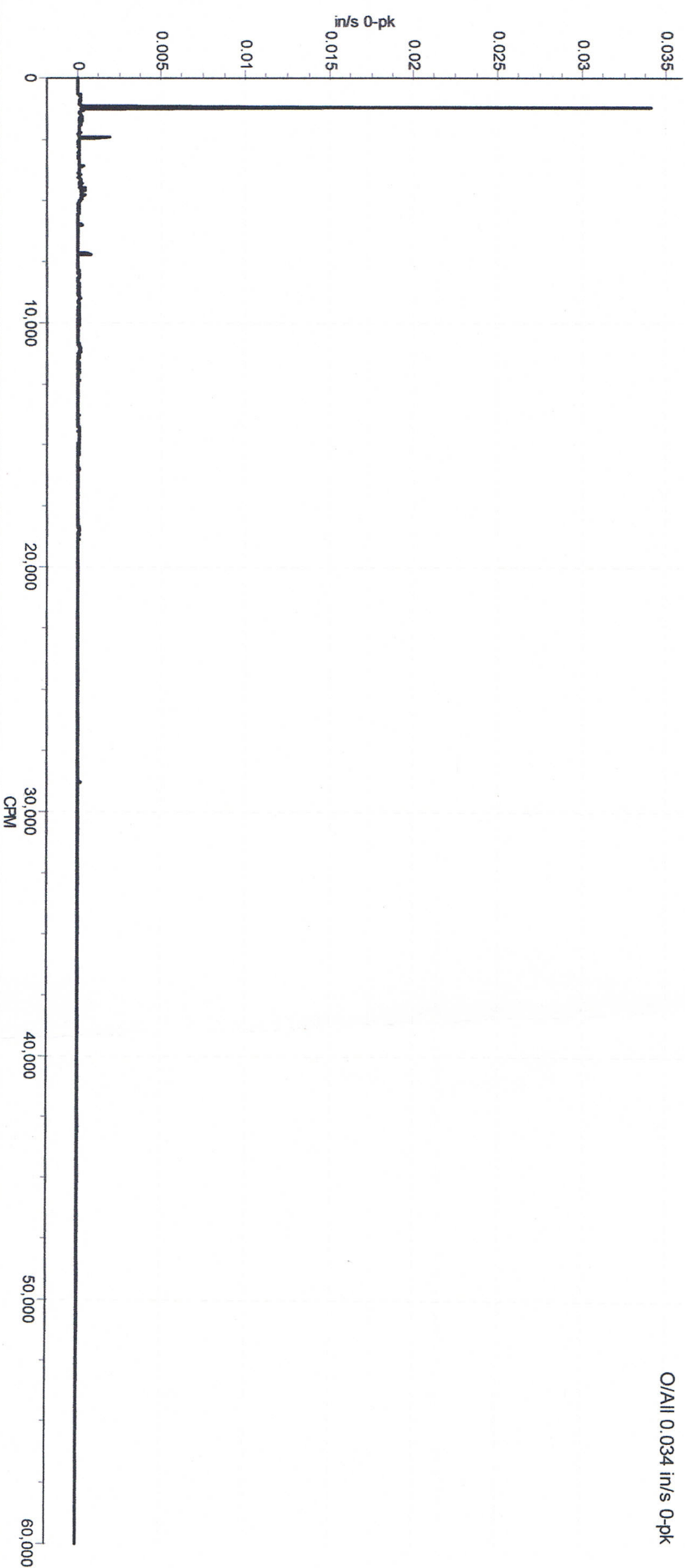
1199.631 CPM	1 orders	0.03 in/s 0-pk
2399.256 CPM	1.999 orders	0.002 in/s 0-pk
7197.756 CPM	5.998 orders	0.002 in/s 0-pk
1537.025 CPM	1.281 orders	0.001 in/s 0-pk
1462.049 CPM	1.218 orders	0.001 in/s 0-pk
3598.881 CPM	2.999 orders	0 in/s 0-pk
1593.258 CPM	1.328 orders	0 in/s 0-pk
1255.863 CPM	1.047 orders	0 in/s 0-pk
1388.328 CPM	1.14 orders	0 in/s 0-pk
1818.187 CPM	1.515 orders	0 in/s 0-pk

18452 - Motor OCE - Axial - Vel Spec 60000 CPM

3/20/2015 2:46:38 PM

Machine Note (3/20/2015 1:19:03 PM)

CLECO, TECO, 6522 HP, 1195 RPM, 13,200 V, 248 A, SR-889 Ft.



O/All 0.034 in/s 0-pk

3/20/2015 2:46:38 PM O/All 0.034 in/s 0-pk 1200 RPM

Top 10 Peaks

1199.631 CPM	1 orders	0.034 in/s 0-pk
2399.256 CPM	1.999 orders	0.002 in/s 0-pk
7197.756 CPM	5.998 orders	0.001 in/s 0-pk
4573.576 CPM	3.811 orders	0 in/s 0-pk
4498.6 CPM	3.749 orders	0 in/s 0-pk
4798.505 CPM	3.999 orders	0 in/s 0-pk
3599.881 CPM	2.999 orders	0 in/s 0-pk
1293.352 CPM	1.078 orders	0 in/s 0-pk
4742.273 CPM	3.952 orders	0 in/s 0-pk
4829.715 CPM	4.108 orders	0 in/s 0-pk